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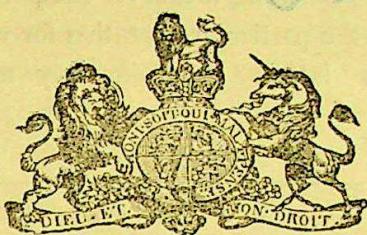
1864 ①

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attemperated

A.D. 1864, 3rd NOVEMBER. N° 2719.

Brewing &c.

LETTERS PATENT to Charles Garton, of the City and County of Bristol, and Thomas Hill, of the Town and County of Southampton, for the Invention of "IMPROVEMENTS IN BREWING, FERMENTING, RACKING, AND BOTTLING BEER, ALE, AND WINE."

Sealed the 28th April 1865, and dated the 3rd November 1864.

PROVISIONAL SPECIFICATION left by the said Charles Garton and Thomas Hill at the Office of the Commissioners of Patents, with their Petition, on the 3rd November 1864.

We, CHARLES GARTON, of the City and County of Bristol, and THOMAS HILL, of the Town and County of Southampton, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN BREWING, FERMENTING, RACKING, AND BOTTLING BEER, ALE, AND WINE," to be as follows:—

Our Invention consists in drawing or driving air attemperated and purified as hereafter described over the surface of wort wash and liquors under fermentation or in the process of brewing, and in introducing attemperated and purified air into chambers, rooms, and apartments in which any brewing operation, racking, or bottling is being carried on.

We attemperate and purify the air by drawing or driving it through charcoal or other porous material, by preference animal charcoal, and by bringing

Garton & Hill's Improvements in Brewing, Fermenting, Racking, &c.

it in contact with cooling or heating media for the purpose of getting it to the temperature required for the particular operation for which it is desired.

We do not however intend to claim any means of attemperating the air.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed 5
by the said Charles Garton and Thomas Hill in the Great Seal Patent
Office on the 3rd May 1865.

TO ALL TO WHOM THESE PRESENTS SHALL COME, we, CHARLES GARTON, of the City and County of Bristol, and THOMAS HILL, of the Town and County of Southampton, send greeting. 10

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Third day of November, in the year of our Lord One thousand eight hundred and sixty-four, in the twenty-eighth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto us, the said Charles Garton and Thomas Hill, Her special licence that we, the 15 said Charles Garton and Thomas Hill, our executors, administrators, and assigns, or such others as we, the said Charles Garton and Thomas Hill, our executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and 20 vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**IMPROVEMENTS IN BREWING, FERMENTING, RACKING, AND BOTTLING BEER, ALE, AND WINE**," upon the condition (amongst others) that we, the said Charles Garton and Thomas Hill, or one of us, our executors or administrators, by an instrument in writing 25 under our, or one of our, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent. 30

NOW KNOW YE, that we, the said Charles Garton and Thomas Hill, do hereby declare the nature of our said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, that is to say:—

Our Invention consists in drawing or driving air attemperated and purified 35 as hereafter described over the surface of wort wash and liquors under

Garton & Hill's Improvements in Brewing, Fermenting, Racking, &c.

fermentation or in the process of brewing, and in introducing attemperated and purified air into chambers, rooms, and apartments in which any brewing operation, racking, or bottling is being carried on.

We attemperate and purify the air by drawing or driving it through char-
5 coal or other porous material, by preference animal charcoal, and by bringing it in contact with cooling or heating media for the purpose of getting it to the temperature required for the particular operation for which it is desired.

We do not however claim any means of attemperating the air.

In witness whereof, I, the said Thomas Hill, for myself, and on behalf
10 of the said Charles Garton, have hereunto set my hand and seal,
this Second day of May, One thousand eight hundred and sixty-five.

T. HILL. (L.S.)

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1865.